



Form PTO-1449 (modified)

Atty. Docket No.:
12642.0066.NPUS01Serial No.:
10/699,502

list of Patents and Publications for Applicant's
INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Applicants:

Jiong Wu
Wayne L. RyanFiling Date:
October 31, 2003Group:
1645 1651

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 2

Other Art

See Pages 2-3

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing date of App.
	A1	4,250,051	02/10/1981	Armstrong, D.	252	408	12/26/1978
	A2	4,529,705	07/16/1985	Larsen, F.L.	437	17	06/06/1983
	A3	4,745,071	05/17/1988	Lapicola, et al.	436	63	10/02/1986
	A4	5,155,044	10/13/1992	Ledis, et al.	436	17	12/12/1991
	A5	5,188,935	02/23/1993	Leif, et al.	435	7.24	11/13/1990
	A6	5,250,438	10/05/1993	Ryan, W.L.	436	17	05/09/1990
	A7	5,262,329	11/16/1993	Carver, Jr., E.L.	436	63	05/03/1993
	A8	5,320,964	06/14/1994	Young, et al.	436	10	06/23/1993
	A9	5,348,859	09/20/1994	Brunhouse, et al.	435	7.24	05/20/1991
	A10	5,486,477	01/23/1996	Carver, Jr., et al.	436	17	08/11/1993
	A11	5,512,485	04/30/1996	Young, et al.	436	10	11/21/1994
	A12	5,516,695	05/14/1996	Kim, et al.	436	17	08/29/1994
	A13	5,686,308	11/11/1997	Li, et al.	436	63	06/08/1995
	A14	5,731,206	03/24/1998	Ledis, et al.	436	17	03/29/1996
	A15	5,776,709	07/07/1998	Jackson, et al.	435	7.24	08/04/1994
	A16	5,786,224	07/28/1998	Li, et al.	436	63	06/29/1995
	A17	5,817,518	10/06/1998	Li, et al.	436	63	12/18/1995
	A18	5,843,608	12/01/1998	Li, et al.	436	63	11/04/1997
	A19	5,858,790	01/12/1999	Kim, et al.	436	16	06/26/1996
	A20	5,928,949	07/27/1999	Sakata, et al.	436	17	11/17/1993
	A21	6,187,590	02/13/2001	Kim, et al.	436	10	10/16/1998
	A22	6,210,969	04/03/2001	Li, et al.	436	10	04/28/1999

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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

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		Filing Date: October 31, 2003	Group: 1645 165
U.S. Patent Documents <i>See Page 1</i>	Foreign Patent Documents <i>See Page 2</i>	Other Art <i>See Pages 2-3</i>	

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing date of App.
<i>SMA</i>	A23	6,214,625	04/10/2001	Li, et al.	436	10	04/28/1999
	A24	6,251,615	06/26/2001	Oberhardt, B.J.	435	7.21	02/18/1999
	A25	6,509,192	01/21/2003	Young, C.	436	10	01/22/1997
	A26	6,514,763	02/04/2003	Carver, et al.	436	10	03/23/2001
	A27	6,653,137	11/25/2003	Ryan, W.L.	436	10	12/03/2001
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<i>SMA</i>	A29	3,616,254	10/26/1971	Beutler, E.	435	15	05/08/1967

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
<i>SMA</i>	B1	EP0 325 710	08/02/1989	EPO	G01N	33/72	
<i>SMA</i>	B2	WO 88 07187	09/22/1988	PCT	G01N	28/50	

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Exam. Init.	Ref. Des.	Citation
<i>SMA</i>	C1	Bomford, R., "Studies on the Cellular Site of Action of the Adjuvant Activity of Saponin for Sheep Erythrocytes", <i>Int. Archs. Allergy and Immunology</i> , Vol. 67, No. 2 (February 1982); pp. 127-131.
<i>SMA</i>	C2	Glauert, A.M.; Dingle, J.T.; Lucy, J.A., "Action of Saponin on Biological Cell Membranes", <i>Nature</i> , Vol. 196, No. 4858 (December 8, 1962); pp.952-955.
<i>SMA</i>	C3	Hase, J.; Kobashi, K.; Mitsui, K.; Namba, T.; Yoshizaki, M.; Tomimori, T., "The Structure-

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Other Art (Including Author, Title, Date, Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
<i>Su</i>	C3	<i>✓ continue after C3 citation from P-2</i> Hemolysis Relationship of Oleanolic Acid Derivatives and Inhibition of the Saponin-Induced Hemolysis with Sapogenins", <i>Journal of Pharmacobio-Dynamics</i> , Vol. 4 (1981); pp. 833-837.
	C4	Owollen, R.J.; Owollen, R.G.; Gorog, M.A.; Klein, D., "Cytolytic Saponin Fraction From <i>Asterias Vulgaris</i> ", <i>Toxicon</i> , Vol. 11, No. 4 (July 1973); pp. 319-323.
	C5	Segal, R.; Shatkovsky, P.; Milo-Goldzweig, I., "On the Mechanism of Saponin Hemolysis—I. Hydrolysis of the Glycosidic Bond", <i>Biochemical Pharmacology</i> , Vol. 23, No. 5 (March 1, 1974); pp. 973-981.
	C6	Segal, R.; Milo-Goldzweig, I., "On the Mechanism of Saponin Hemolysis—II. Inhibition of Hemolysis by Aldonolactones", <i>Biochemical Pharmacology</i> , Vol. 24, no. 1 (January 1, 1975); pp. 77-81.
	C7	Segelman, A.B.; Farnsworth, N.R.; Quimby, M.W., "Biological and Phytochemical Evaluation of Plants. III. False-Negative Saponin Test Results Induced by the Presence of Tannins", <i>Lloydia</i> , Vol. 32, No. 1 (March, 1969); pp. 52-58.
	C8	Tatsumi, N., "Alterations of Saponin Hemolysis During Storage of ACD Blood", <i>Vox Sanguinis</i> , Vol. 41, No. 1 (July, 1981); pp. 18-24.
	C9	Tatsumi, N.; Maeda, H.; Wada, Y., "The Contribution of Saponin Hemolysis in Observing Membrane Properties of Erythrocytes", <i>Acta Haematologica Japonica</i> , Vol. 45, No. 1 (February 1982); pp. 31-37.
<i>Su</i>	C10	Ueda, S.; Harano, K.; Takemoto, Y.; Harano, T.; Shibata, S., "Continuous Measurement of the Change in Erythrocyte Volume After Addition of Saponin (Saponin Test)", <i>Kawasaki Medical Journal</i> , Vol. 7, No. 2 (1981); pp. 127-135.
	C11	European Search report for EP 1422509: <i>NOT A PUBLICATION</i>

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